FIP user notes

The data files are either .csv or .xlsx, and should be converted to the form suitable for statistical analysis in the statistics package of your choice (.dta for Stata).

The analysis script is a .do file. But it is annotated sufficiently to enable translation to other programming languages.

Single-season regression models use season-specific computations of runs per game and the various pitching metrics.

The multi-season regression analyses use season-standardized forms of these variables. Standardization by season enables multi-season measurement of how the relevant metrics influence *season-specific* variance in team performance variables (as opposed to across-season variance, which is not a quantity of much relevance). It also is an alternative to multi-level modeling or time-period regressions for removing extraneous variability associated with shifting game conditions over time. See the discussion in Schell, M. J., Baseball's All-Time Best Hitters: How Statistics Can Level the Playing Field (Princeton University Press 2013); Schell, M. J., Baseball's All-Time Best Sluggers: Adjusted Batting Performance from Strikeouts to Home Runs (Princeton University Press 2016).